

ABSTRACT

Packetizer 102A receives MPEG4 stream STM1 from encoder 101 and translates it into MPEG2-PEG packet. Multiplexer 103 receives stream STM2 of the MPEG2-PEG packet form and transports a stream STM3 of MPEG2-TS form as a transport output signal. The packetizer 102A detects a header from the MPEG4 stream STM1. It analyzes the header, detects predetermined information from Video_Object_Layer header and Video_Object_Plane header, and generates the time information such as ESCR, DTS, and PTS using the predetermined information and an initial value of ESCR supplied from outside. The PES header including such time information is generated. The packetizer 102A generates the MPEG2-PES packet in sequence with adding the PES header thus generated into every AU of the MPEG4 stream STM1 and obtains the stream STM2.